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AVENTIS US PAT DEPT

NO. 5728 P. 5

Aventis Docket No. FRAV2002/0022US NP

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Branislav MUSICKI

Examiner: To Be Assigned

Serial No.: 10/655,364

Group Art Unit: To Be Assigned

Filed: September 4, 2003

Title: **Novel heterocyclic compounds,  
preparation process and intermediates,  
and use as medicaments, in particular as  
 $\beta$ -lactamase inhibitors and antibacterials**

**POWER OF ATTORNEY FOR PATENT APPLICATION**

Mail Stop Missing Parts  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

I, F. David, an Authorized Signatory of Aventis Pharma S.A., Assignee of the above-identified Application, hereby appoint the attorneys and/or agents associated with the Customer No.(s) provided below as attorneys and/or agents with full power to prosecute this application on behalf of Assignee and to transact all of Assignee's business in connection with the above-identified Application in the Patent and Trademark Office:

Customer No.: 005487

Effective Date: September 4, 2003

By: Francis David

Title: Director - Executive

Date: October 09, 2003

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# DECLARATION FOR PATENT APPLICATION

UNITED STATES OF AMERICA

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).  
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed  
and for which a patent is sought on the invention entitled:

**Novel heterocyclic compounds, preparation process and intermediates, and  
use as medicaments, in particular as  $\beta$ -lactamase inhibitors and antibacterials**

and the specification of which ☐ is attached hereto (Aventis Docket No. FRAV2002/0022US NP)  
(check one) ☒ was filed on 4 September 2003 as U.S. Application Number 10/655,364  
and was amended on (if applicable).  
☐ was described and claimed in PCT Int'l Application Number filed on  
and as amended under PCT Article 19 on (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification,  
including the claims as amended by any amendment referred to above.  
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to  
be material to patentability as defined in 37 C.F.R. 1.56.



I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign  
application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at  
least one other country other than the United States of America, listed below and having a filing date before that of  
the application on which priority is claimed. I/We have also identified below any foreign application for patent or  
inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority: 02 10957 France 5 September 2002  
Number Country Day/Month/Year Filed

Prior Foreign Appln(s): Number Country Day/Month/Year Filed



I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional  
application(s) listed below:

Number Filing Date



I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States  
application(s) or international application designating the United States listed below and, insofar as the subject  
matter of each of the claims of this application is not disclosed in the prior United States application in the manner  
provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose  
information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which  
became available between the filing date of the prior application and the national or PCT international filing date of  
this application.

Application Serial No. Filing Date Status (Patented, Pending)

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information  
and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements  
and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such  
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☐ Additional names and signatures are attached.

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